Presentation to the

Society of American Military Engineers

Presentation By

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Deputy for Programs and Project Management

September 23, 2004

U.S. Army Corps of Engineers

Dual Roles

Chief of Engineers, Army Staff

Commander, U.S. Army Corps of Engineers

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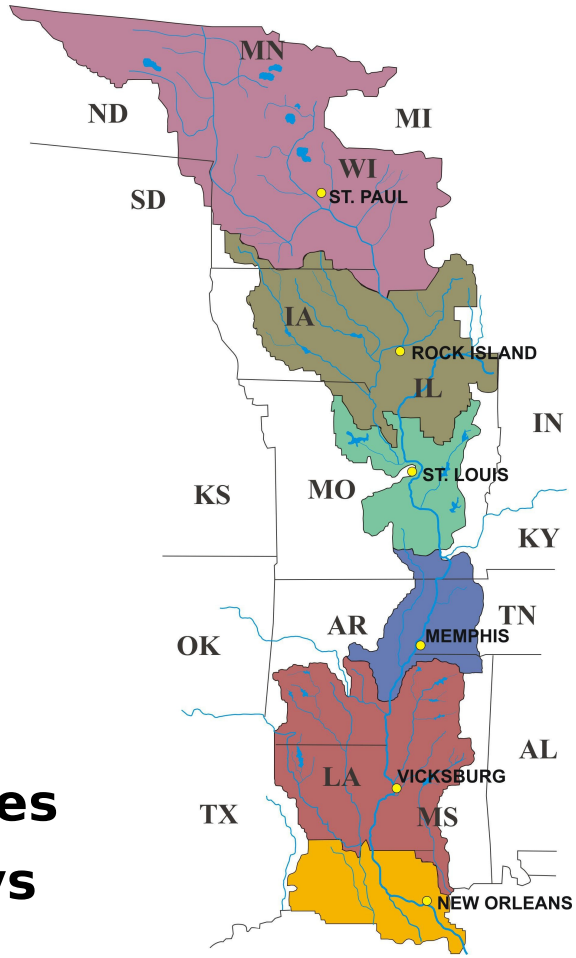
Mississippi Valley Division

Mississippi Valley Division



- **Six districts**
- **5,000+ employees**
- **370,000 square mile boundary, encompassing all or parts of 12 states**
- **4,267 miles of commercial waterways**
- **44 flood control lakes/reservoirs**

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Rock Island District

- Primarily a Civil Works District
- 78,000 Square Miles
- Portions of 5 States
- Operate 582 Miles of 9-Foot Navigation Channel
- 20 Locks and Dams
- 2nd Longest Navigation Channel of Any Corps District
- 2nd Largest Number of Locks of Any Corps District

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Total Projected Budget FY2005 ($1,000)

General Investigations*	$ 14,579
Construction, General**	29,800
Operations & Maintenance***	86,000
Total	$130,000

*Includes Miscellaneous GI Items & Assumes $12M for Nav. Study. Nav. Study Funding will Be Shared Between the 3 UMR Districts

** Includes Inland Waterways Trust Fund, Total EMP (3 Districts), and CAP

***Does not include Inspection of Completed Works

Projected General Investigations FY 2005 ($1,000)

• IL River Basin Restoration	$ 400
• IL River Ecosystem Restoration (FEAS)	200
• Rock River Basin Ecosystem Rest. (FEAS)	200
• Des Moines & Raccoon Rivers (FEAS)	150
• UMR Comprehensive Plan	944
• UMR & IL Navigation Study (PED)	12,000*
• Peoria Riverfront Dev. (PED)	100
• Clear Lake	285
• Misc. GI	300
TOTAL	$ 14,579

*Total for 3 Districts.

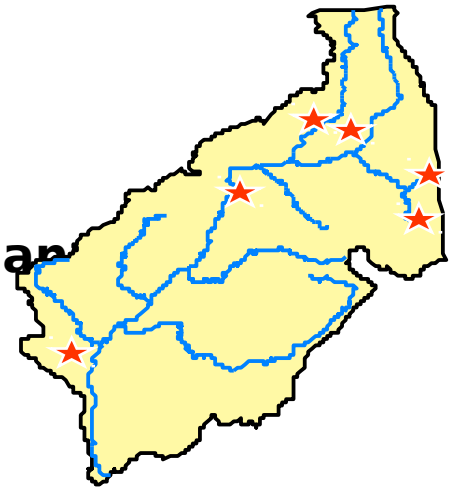
Illinois River Basin Restoration

- Ecosystem Feasibility Study (Sec 216)
- Basin Study (Sec 519)
  - Comprehensive Plan
  - Critical Restoration Projects

Illinois River Restoration Schedule

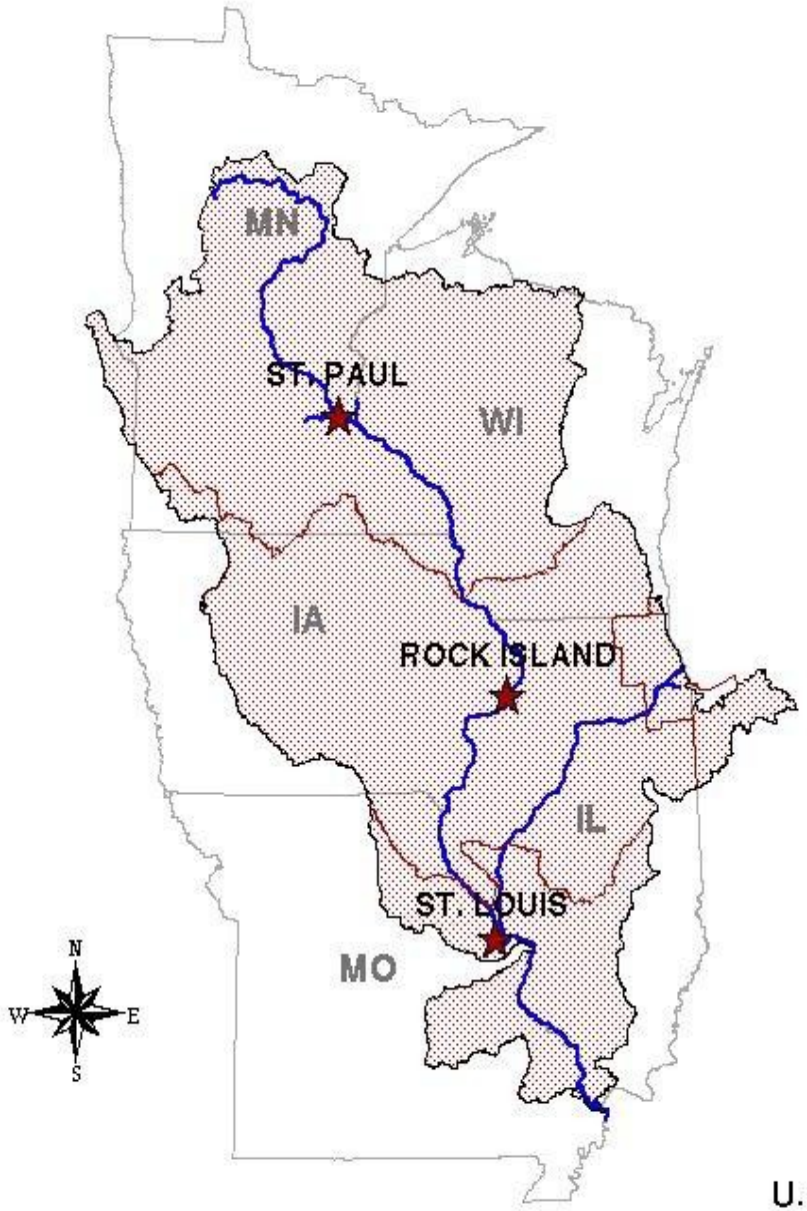
Comprehensive Plan

- Sept 03 – Evaluation of Alternatives
- Feb 04 – Public Review Draft Comp Plan
- July 04 – Final Comprehensive Plan



Critical Restoration Projects

- FY04 – Plan & Design Initial Critical Restoration Projects
- FY05 and Beyond – Design & Construct Restoration Projects (If Time Extension & CG Funding)



UPPER MISSISSIPPI RIVER
COMPREHENSIVE PLAN

U.S. ARMY ENGINEER DISTRICT, ROCK ISLAND
MISSISSIPPI VALLEY DIVISION

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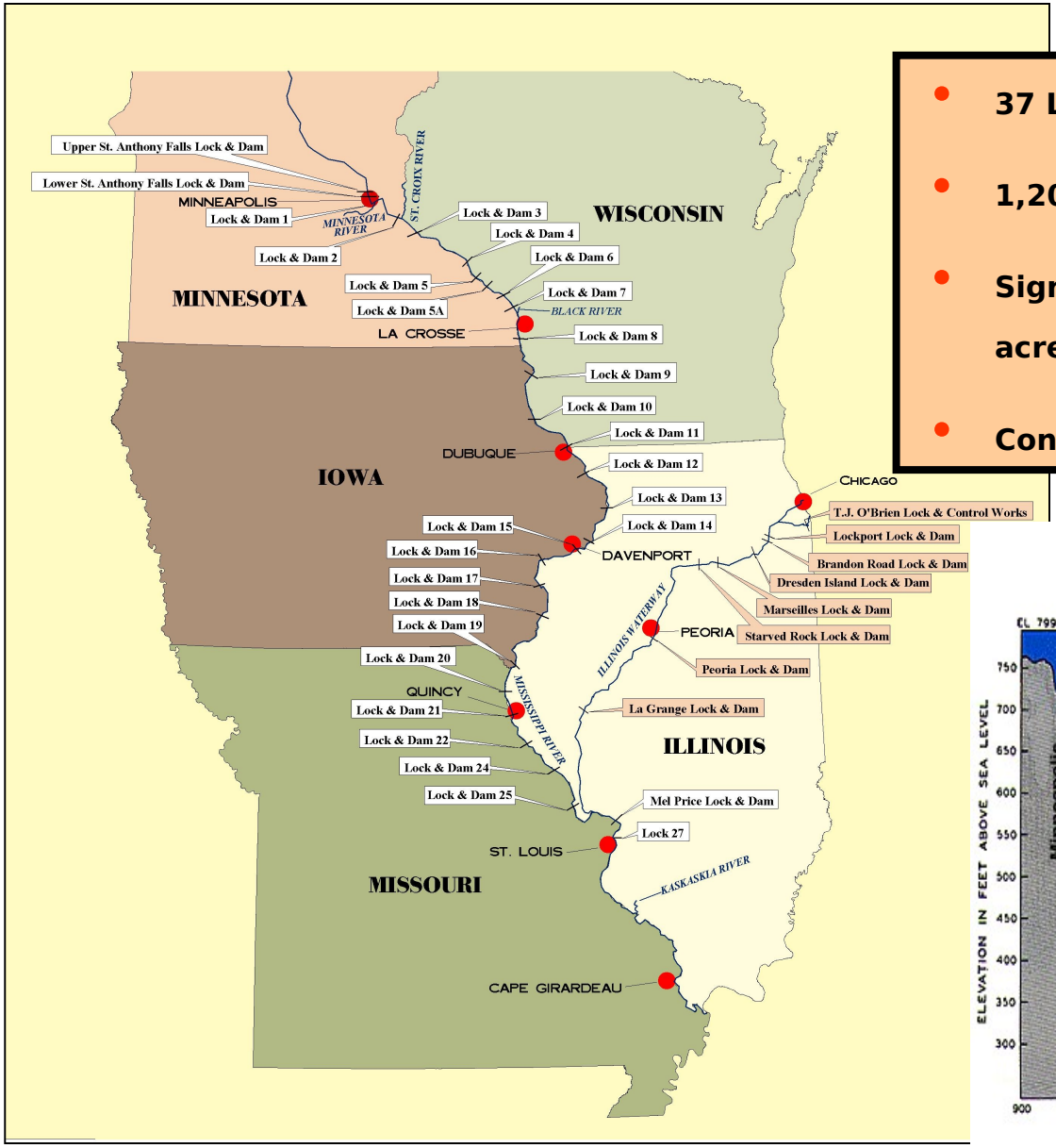
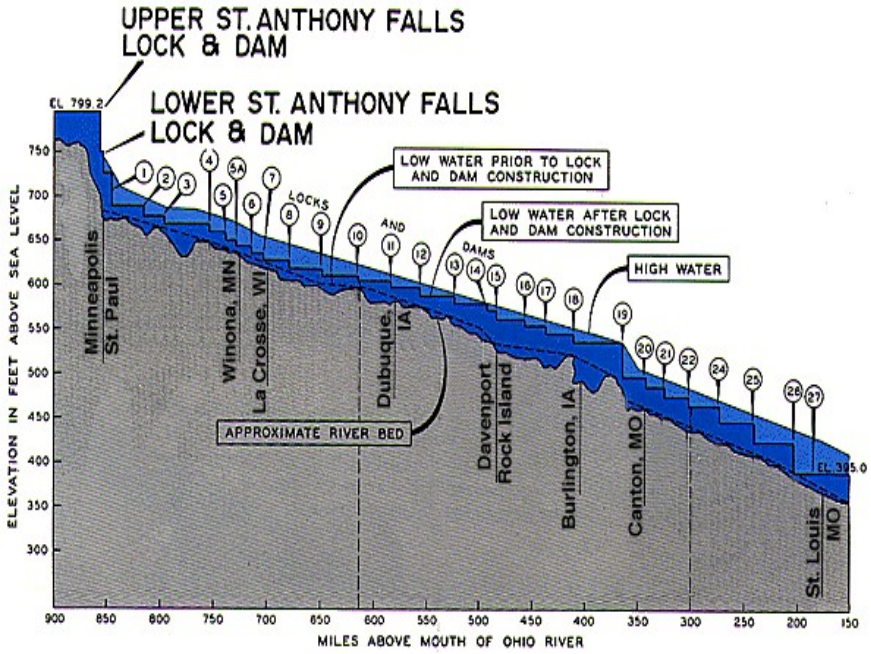
Comprehensive Plan

UMR-IWW Navigation System



- 37 Lock Sites
- 1,200 Miles of River
- Significant Ecosystem (2.5 million acres)
- Constructed 1930-45



Recommended Integrated Plan

Dual Purpose Plan - Seek Approval of an Integrated Plan That Serves As a Framework for Modifications and Operational Changes to the Upper Mississippi River and Illinois Waterway System to Provide for Navigation Efficiency and Environmental Sustainability, and to Add Ecosystem Restoration As an Authorized Project Purpose.

- **$2.4 Billion Navigation Efficiency Framework**
- **$5.3 Billion Ecosystem Restoration Framework**
- **Adaptive Implementation**

Navigation Implementation

(First 15 Years)

- **Mooring Facilities @ Locks 12, 14, 18, 20, 22, 24 and LaGrange ($11M)**
- **Switchboats @ Locks 20 through 25 ($207M)**
- **Adaptive Implementation of 1200’ Chambers at Locks 20 through 25, La Grange, and Peoria ($1.46B)**
- **Mitigation for Site Specific and System Effects ($200M)**
- **Continued Study and Monitoring**

Ecosystem Restoration Implementation
($1.4 Billion in First 15 Years)

- **Fish Passage @ Dams 4,8,22, and 26 ($209M)**
- **Changes in Water Level Control @ Dams 25 and 16 ($41M)**
- **Adaptive Implementation of 225 Small Projects of Less Than $25M Each ($935M)**
  - **Island Building**
  - **Water Level Management**
  - **Backwater/Side Channel Restoratio**
  - **Wing Dam/Dike Alterations**
  - **Island Shoreline Protection**
- **35,000 Acres of Floodplain Restoration (**
- **Continued Study and Monitoring**

Milestones / Schedule

- **End of Public and Agency Review** — **30 Jul**
- **Final Report/PEIS to MVD and HQ** — **29 Sep**
- **Division Engineer's Notice of Report** — **1 Oct**
- **State and Agency 30-d Review begins** — **12 Oct**
- **MRC Formal Hearing / MRC Report Signed** — **22 Nov**
- **MVD submits MRC Report to HQ** — **24 Nov**
- **Final Chief's Report Signed** — **30 Nov**

Peoria Riverfront Development, IL

Projected Construction, General
FY2005
($1,000)

EMP (3 District Total)		**$ 19,000**
Lock 19 (MR)*		**4,800**
Greenbelt	**4,000**	
CAP	**2,000**	
TOTAL	**$29,800**	

*** Includes Inland Waterways Trust Fund.**

Environmental Management Program

- President's Budget: $28 million
- House:
  $16 million
- Potential Construction Contract

Location	Description	Advertising Date
Pool 21	Habitat Restoration	3rd Qtr. FY05

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Mississippi River
Lock 19

- **Description**

  Major Rehab. Stg. I -- Lift Gates

- **Advertising Date**

  4th Qtr. FY05

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Potential Construction Contracts
Construction General
Section 205, Small Flood Protection Projects & Section 14, Streambank Protection Projects & Section 206, Environmental Restoration Projects

Location	Description	Advertising Date
East Peoria, IL FY05	Levee Raise, Etc.	3rd Qtr.
Mad Creek Muscatine, IA FY05	Levee Raise, Etc.	3rd Qtr.
Iowa River, Sac & Fox Tribe, Tama Co., IA	Concrete Mat Bank Protection	3rd Qtr. FY05
Whitebreast Creek	Environmental Restoration	$45K-200K

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Potential Construction Contracts
Des Moines Recreational River & Greenbelt

Location	Description	Advertising Date
Des Moines, IA FY05	Simon Estes Amphitheater	2nd Qtr.
	ADA Mods	
Marion County, IA	Red Rock Trail Segment 4b	2nd Qtr. FY05

Current A/E Contracts

Contractor	Disciplines	Award Date	Expiration Date
Western Air Maps	Photogrammetric Mapping, Aerial Photography	15-May-02	14-May-05
Stanley INCA Joint Venture	Civil, Structural, Architectural, Geotechnical, Mechanical, Electrical	28 Jul 04	27 Jul 07
Hanson Professional Services	Geotechnical Exploration, Environmental Investigation, Surveying	30 Jul 04	29 Jul 07

Upcoming Contracts Status

3 Pending Contracts:

1. Cordova Center on the Rock (FFP)
2. Photogrammetric Mapping, Aerial Photography (IDIQ)
3. Planning Services and H&H (IDIQ)

Cordova Center FFP Contract

$20M Estimated Construction Cost of All Components, Including:

- Environmental Learning Center
- Performing Arts Amphitheater
- Outdoor Interpretive Facilities
- Picnic Facilities
- Rental Cabins
- Multi-use Trails

Cordova Center FFP Contract

- Synopsized March 15, 2004
- Short-listed August 27, 2004
- Award Anticipated in November 2004

- Master Planning
  - Interpretive Theme Development
  - Exhibit Design
  - Conceptual Site Plan

- Engineering and Design
  - Construction Documents
  - Cost Estimates

Photogrammetric Mapping, Aerial Photography (IDIQ) Contract

- Will Replace Expiring (May 05) Western Air Maps Contract
- Fed Biz Ops Synopsis Oct-Dec 04 Timeframe
- $1M Limit Possible, Base + 2 Options

Planning Services and H&H IDIQ Contract

- $1M Limit Possible, Base + 2 Options
- Planning: NEPA Documents, Alternative Plan Formulation, Benefit Estimation
- Hydraulic & Hydrologic: Stream Flow Data Collection, Water Quality Monitoring, Sediment Transport Analysis
- *Advertisement Postponed Pending FY05 Budget Decisions*

Other Considerations

- Multiple Awards of IDIQ's Possible
- New Solicitation for Nav Study Work Possible in FY05

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Points of Contact

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- **Regulatory**
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Rock Island District Website: www.mvr.usace.army.mil